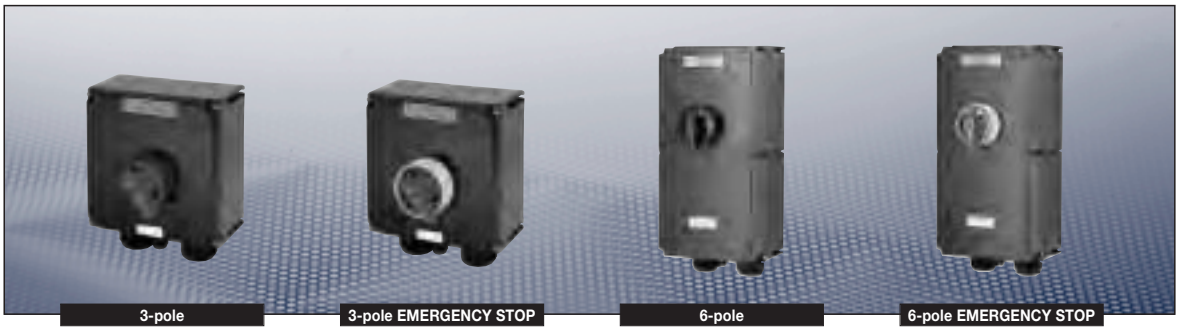

Technical data

Industrial-Safety switch 160 A		
Permissible ambient temperature		–20 °C to +40 °C
Rated voltage		up to max. 690 V
Rated current		max. 160 A
Frequency		50/60 Hz
Switch rating AC3	230 V AC	160 A
	400 V AC	160 A
	500 V AC	160 A
	690 V AC	160 A
Back up fuse	up to 400 V AC	max. 250 A gL
	up to 500 V AC	max. 250 A gL
	up to 690 V AC	max. 200 A gL
Main contact		1 x 95 mm^2
Aux./Signal contact		2 x 4 mm^2
Insulation class		I
Degree of protection accd. EN 60529		IP66
Cable glands/enclosure drilling		M25 (d = 8 - 17 mm) see ordering details M63 (d = 27 - 48 mm) see ordering details Double cable end box (d = 46 -72 mm) Option: metal flange with 2 x thread
Weight	3-pole	approx. 9.00 kg
	6-pole	approx. 16.50 kg
Enclosure material		glass-fibre reinforced polyester
Enclosure colour		black
Auxiliary contact		1 x NO making - lagging; breaking - leading 1 x NC making - leading; breaking - lagging
Padlocking		can be locked in OFF position with 3 commercially available padlocks

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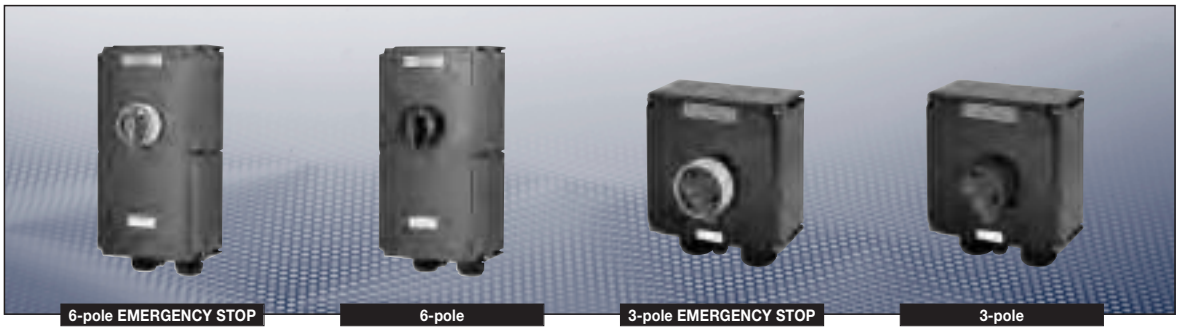

Ordering details

Version	Cable entry	Order No.
Industrial-Safety switch 160 A 3-pole Version with 4 auxiliary contacts (2 x NO; 2 x NC)		
3-pole	2 x M63 / 1 x M25	**GHG 981 0031 R0003**
3-pole EMERGENCY STOP	2 x M63 / 1 x M25	**on request**
Industrial-Safety switch 160 A 6-pole Version with 4 auxiliary contacts (2 x NO; 2 x NC)		
6-pole	4 x M50 / 1 x M25	**GHG 981 0032 R0001**
6-pole EMERGENCY STOP	4 x M50 / 1 x M25	**GHG 981 0032 R0002**

Customized version on request

Accessories

Mounting plate for industrial-safety switch

Type	Application	Fixing technique	Order No.
Size 3	2 x Pipe mounting	screw-on[1)]	**GHG 610 1953 R0110**

[1)] observe mounting distance

Accessories for mounting plates

Type	OU	Order No.
Label holder with label (unlabelled) for mounting plates size 1, 2, 2A and 3	10	**GHG 610 1953 R0057**
Installation kit for pipes 1" (of 27 - 30 mm) for mounting plates for pipe mounting	10	**GHG 610 1953 R0020**

Please note that we can only deliver in the ordering units (OU) stated in the tables above

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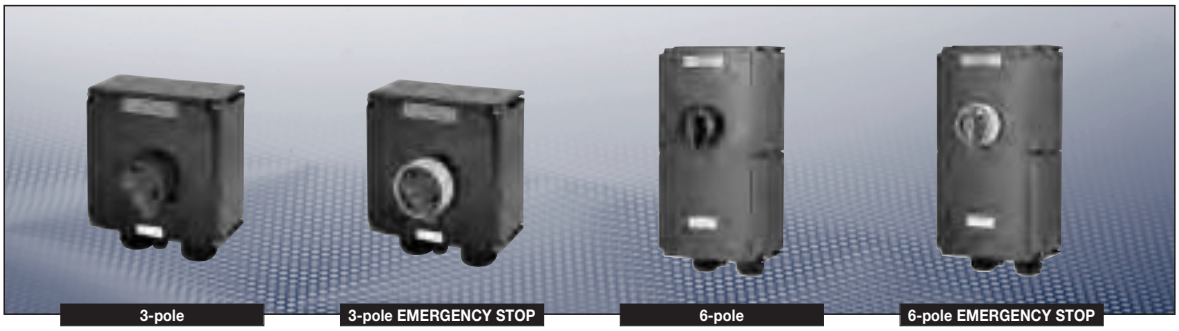
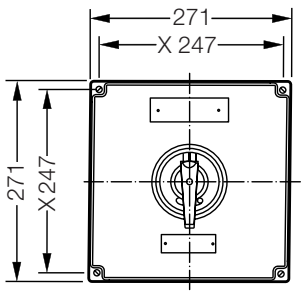
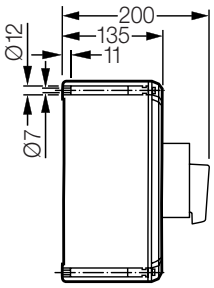
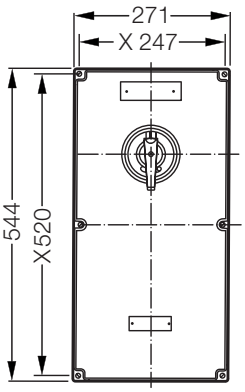


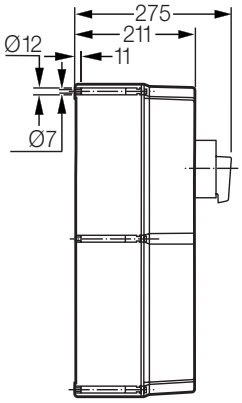
Dimension drawing





3-pole





6-pole

X = fixing dimensions

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Dimensions in mm